

Claims

What is claimed is:

- 1 1. An information processing system, comprising:
2 a first computing device for:
3 from a second computing device, receiving a first information packet, the second
4 computing device receiving the first information packet from a global computer network through
5 a first router device;
6 outputting a second information packet to the global computer network through a second
7 router device, such that the second information packet bypasses the first router device.
2. The system of Claim 1 wherein the first computing device is for outputting the
 second information packet to the global computer network through a local area network and the
 second router device.
3. The system of Claim 2 wherein the local area network is a first local area network,
 and wherein the second computing device receives the first information packet from the global
 computer network through a second local area network and the first router.
4. The system of Claim 3 wherein the first computing device is for receiving the first
 information packet from the second computing device through a third local area network.
5. The system of Claim 1 wherein the first computing device is for receiving a third
 information packet from the global computer network through the first router device.
6. The system of Claim 5 wherein the first computing device is for coupling to the
 second computing device through a local area network that is coupled to the first router device.

1 7. The system of Claim 6 wherein the local area network is a first local area network,
2 and wherein the first computing device is for receiving the first information packet from the
3 second computing device through a second local area network.

1 8. The system of Claim 1 wherein the first computing device is a network interface
2 card

1 9. The system of Claim 1 wherein the first information packet originates from a
2 client, and wherein the second computing device is coupled through the first router device and the
3 global computer network to the client.

10. The system of Claim 9 wherein the second information packet includes the first information packet and a reference to a data structure of a connection with the client.

1 11. A method performed by a first computing device of an information processing
2 system, the method comprising:

3 from a second computing device, receiving a first information packet, the second
4 computing device receiving the first information packet from a global computer network through
5 a first router device;

6 outputting a second information packet to the global computer network through a second
7 router device, such that the second information packet bypasses the first router device.

1 12. The method of Claim 11 wherein the method comprises:
2 outputting the second information packet to the global computer network through a local
3 area network and the second router device.

13. The method of Claim 12 wherein the local area network is a first local area
network, and wherein the second computing device receives the first information packet from the
global computer network through a second local area network and the first router.

14. The method of Claim 13 wherein the method comprises:
receiving the first information packet from the second computing device through a third
local area network.

1 15. The method of Claim 11 wherein the method comprises:
2 receiving a third information packet from the global computer network through the first
3 router device.

1 16. The method of Claim 15 wherein the method comprises:
2 coupling to the second computing device through a local area network that is coupled to
3 the first router device.

1 17. The method of Claim 16 wherein the local area network is a first local area
2 network, and wherein the method comprises:
3 receiving the first information packet from the second computing device through a second
4 local area network.

1 18. The method of Claim 11 wherein the first computing device is a network interface
2 card

1 19. The method of Claim 11 wherein the first information packet originates from a
2 client, and wherein the second computing device is coupled through the first router device and the
3 global computer network to the client.

20. The method of Claim 19 wherein the second information packet includes the first information packet and a reference to a data structure of a connection with the client.